



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Dietmar **SCHATKOWSKI** et al.

Application No.: **10/666,777**

Group Art Unit: **1621**

Filed: **September 18, 2003**

For: **METHOD FOR THE PREPARATION OF TRIMETHYLCYCLOHEXYL-ALKAN-3-OLS CONTAINING A HIGH PROPORTION OF TRANS ISOMERS**

Attorney Docket No.: **3968.091**

Customer Number: **00004288**

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97 and §1.98**

**Mail Stop** \_\_\_\_\_

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 56, Applicants hereby notify the U.S. Patent and Trademark Office of the following documents for the above-identified application. Copies of the documents set forth below and listed on the attached Form PTO-1449, and a copy of the European Search Report in which these documents were cited, are provided herewith.

1. Chemical Abstracts Service, Gvinter, L.I. et al., Changes in the Selectivity of Catalytic Action During Hydrogenation of the Dienone Group. IX. Hydrogenation of  $\beta$ -ionone on Nickel Catalysts, XP002258888, Abstract

U.S. PATENT APPLICATION  
SERIAL NO.: 10/666,777  
INFORMATION DISCLOSURE STATEMENT

ATTY DOCK: 3968.091

2. Savoia D et al., Active Metals from Potassium-Graphite. Air-Oxidized Nickel-Graphite as a New Selective Hydrogenation Catalyst, Journal of Organic Chemistry, Volume 46, (1981), pages 5344-5348, XP009016115
3. German Patent Application No. DE 24 55 761 A
4. German Patent Application No. DE 100 62 771 A
5. US Patent Application US20020082457A1: Process for the preparation of 1-(2,2,6-trimethylcyclohexyl)-3-alkanols

Documents 1-4 were cited in a Search Report which issued in the parallel EP application.

The abstract of Document 1 was cited as particularly relevant taken alone (X category) with respect to claims 1-6 of the EP application. Document 1 is in the English language.

Example 5 of Document 2 was cited as particularly relevant taken alone (X category) with respect to claims 1-6 of the EP application. Document 2 is in the English language.

The relevancy of the non-English documents is discussed below.

Document 3

Examples 26-29 of Document 3 were cited as particularly relevant taken alone (X category) with respect to claim 7 of the EP application. Document 3 concerns hydrogenated methyl ionone odoriferous derivatives - made in high yields by reduction using a Raney nickel-copper chromite catalyst combination. Applicants are not aware of any English language translation of Document 3.

U.S. PATENT APPLICATION  
SERIAL NO.: 10/666,777  
INFORMATION DISCLOSURE STATEMENT

ATTY DOCK: 3968.091

**Document 4**

Claims 13-15 of Document 4 were cited as particularly relevant taken alone (X category) with respect to claim 7 of the EP application. Document 3 relates to a process for the preparation of 1-(2,2,6-trimethylcyclohexyl)-3-alkanols with a content of at least 15% of trans isomers, based on the total amount of the 1-(2,2,6-trimethylcyclohexyl)-3-alkanol, by catalytic hydrogenation, where a) 1-(2,6,6-trimethyl-1 or 2-cyclohexen-1-yl)-1-alken-3-ones are reacted in the presence of ruthenium-containing catalysts or catalyst mixtures, or b) 1-(2,6,6-trimethyl-1 or 2-cyclohexen-1-yl)-1-alken-3-ols are reacted in the presence of catalysts which contain 1 or more elements of groups Ib, VIb and VIII of the Periodic Table of the Elements. Document 5 is an English language document corresponding to Document 4.

**Document 5** is in the English language, is in the patent family of Document 4, and a copy thereof is submitted herewith.

The present Information Disclosure Statement is being filed after three months from the application's filing date and before the mailing date of the first Office Action on the merits, therefore no Certification Under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate

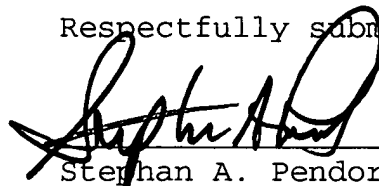
U.S. PATENT APPLICATION  
SERIAL NO.: 10/666,777  
INFORMATION DISCLOSURE STATEMENT

ATTY DOCK: 3968.091

to antedated or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicant respectfully requests that the listed documents be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

Respectfully submitted,

  
Stephan A. Pendorf  
Reg. No. 32,665

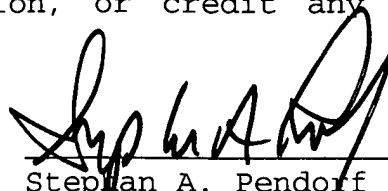
PENDORF & CUTLIFF  
5111 Memorial Highway  
Tampa, Florida 33634-7356  
(813) 886-6085

Dated: **March 9, 2004**

**CERTIFICATE OF MAILING AND AUTHORIZATION TO CHARGE**

I hereby certify that the foregoing INFORMATION DISCLOSURE STATEMENT Form PTO-1449, including five (5) documents, for U.S. Application No. 10/666,777 filed September 18, 2003, were deposited in first class U.S. mail, postage prepaid, P.O. Box 1450, Alexandria, VA 22313-1450, **March 9, 2004**.

The Commissioner is hereby authorized to charge any additional fees, which may be required at any time during the prosecution of this application, except for the issue fee, without specific authorization, or credit any overpayment, to Deposit Account No. 16-0877.

  
Stephan A. Pendorf

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

3968.091

SERIAL NO.

10/666,777

Dietmar SCHATKOWSKI, et al.

FILING

09/18/03

GROUP

1621

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US20020082457A1	06/27/02	Kuhn, et al.	C07C	29/14	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	DE 24 55 761 A	11/26/74	Germany	C07C	175/00		
	DE 100 62 771 A	11/7/02	Germany	C07C	29/17		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Chemical Abstracts Service, Gvinter, L.I. et al., Changes in the Selectivity of Catalytic Action During Hydrogenation of the Dienone Group. IX. Hydrogenation of ?-ionone on Nickel Catalysts, XP002258888, Abstract
		Savoia D et al., Active Metals from Potassium-Graphite. Air-Oxidized Nickel-Graphite as a New Selective Hydrogenation Catalyst, Journal of Organic Chemistry, Volume 46, (1981), pages 5344-5348, XP009016115

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.